MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MARCH, 1929

J. A. BROWN, DIRECTOR

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MARCH 1929
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	62.9	62.8	62.9	62.9	22.0	13.7	16.8	18.7	15.1	16.9
2	2.5	0.3	0.2	1.1	19.2	13.1	16.9	16.7	15.3	16.3
3	57.9	58.3	59.4	58.5	19.8	14.4	16.6	15.3	13.8	15.2
4	60.9	61.2	61.8	61.0	16.6	9.7	11.7	12.0	12.0	11.9
5		4.0	4.1	3.9	13.4	10.0	13.6	14.7	11.4	13.2
6	63.2	60.0	57.6	60.3	15.3	10.0	14.2	16.8	18.2	16.4
7	57.0	54.3	3.9	55.1	17.8	13.8	19.8	20.3	17.2	19.1
8	5.5	6.9	9.9	7.4	23.3	13.8	18.0	15.9	14.1	16.0
9	61.2	60.6	62.3	61.4	18.6	8.3	12.0	11.5	11.4	11.6
10	5.9	3.9	6.6	5.5	12.8	7.8	11.7	12.5	12.7	12.3
11	67.2	66.3	66.5	66.7	15.1	11.4	15.1	16.0	13.4	14.8
12	6.0	4.4	4.1	4.8	17.8	10.8	15.0	16.9	14.8	15.6
13	2.3	0.9	0.0	1.1	17.6	12.0	15.4	17.4	15.2	16.0
14	56.8	56.3	57.3	56.8	17.9	14.2	17.2	18.4	15.3	17.0
15	9.5	60.0	61.4	60.3	18.7	12.1	15.8	17.3	12.8	15.3
16	63.0	62.5	63.5	63.0	17.9	11.4	14.6	17.6	13.2	15.1
17	3.8	2.3	3.1	3.1	17.8	11.4	13.9	17.5	14.5	15.3
18	59.3	57.0	53.0	56.4	17.8	12.8	16.4	17.4	15.6	16.5
19	7.6	60.3	62.6	60.2	18.4	10.6	11.8	12.9	12.0	12.2
20	63.5	3.7	4.8	4.0	15.6	9.5	13.9	16.3	11.6	13.9
21	64.8	64.6	65.6	65.0	16.6	10.6	15.0	16.0	12.4	14.5
22	6.4	5.6	7.3	6.4	16 6	10.3	12.2	16.4	13.0	13.9
23	7.9	6.4	6.6	7.0	16.9	10.0	15.7	16.7	14.3	15.6
24	5.3	3.6	3.6	4.2	17.8	11.4	16.0	18.7	13.8	16.2
25	3.4	2.7	4.3	3.5	19.0	11.3	15.7	17.2	13.6	15.5
26	66.5	66.5	66.0	66.3	17.9	10.1	15.6	16.9	15.0	15.8
27	4.2	3.3	1.8	3.1	17.7	13.6	17.2	19.3	17.1	17.9
28	59.7	58.3	58.6	58.1	20.6	14.5	19.2	20.7	16.7	18.9
29	7.7	7.1	7.7	7.5	24.2	14.4	16.9	19.5	15.8	17.4
30	7.0	7.4	9.1	7.8	20.2	14.2	16.9	19.1	15.4	17.1
31	60.1	60.1	60.9	60.4	19.8	13.0	16.7	19.1	14.7	16.8
	62.01	61.34	61.82	61.73	18.09	11.75	15.40	16.83	14.24	15.50

Barometer, Range for month 753.0-767.9 m.m.
,, 50-yr. average for month 761.16 m.m.
Thermometer, Range for month 7°.8-24°.2
,, 50-yr. average for month 16.°19
Rain, total for month 29 89 m.m.
,, , 50-yr average for month 98.30m.m.
,, , total. Sept. 1st to end of month 1007.99m.m.
,, , 50-yr average, Sept. 1st to end of month. 826.02m.m.

MARCH 1929

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	13.6	15.9	13.9	9.8	11.6	11.0	10.5	69	72	87	76	9.2	
2	12.7	15.7	14.0	8.6	11.5	11.1	10.4	60	73	86	73	8.3	
3	14.3	12.3	10.2	10.8	9.0	7.4	9.4	77	69	64	70	4.2	
4	9.1	9.8	8.5	7.3	7.8	6.6	7.2	70	75	63	69	0.2	8.32
5	9.0	11.6	9.3	6.5	8.5	7.6	7.5	56	68	76	67	3.0	6.68
6	10.7	12.8	12.1	7.8	8.7	7.6	8.0	65	61	48	58	1.6	
7	15.5	15.9	14.9	10.5	10.8	11.2	10.8	61	60	77	66	6.2	
8	15.1	14.0	11.3	11.0	10.7	10.9	10.9	71	80	71	74	2.2	1.72
9	9.2	8.8	8.7	7.2	7.0	7.0	7.0	65	69	69	68	3.2	7.37
10	8.9	11.2	10.8	7.0	9.2	8.6	8.3	69	85	79	78	2.0	2.16
11	12.3	13.7	11.7	9.1	10.2	9.2	9.5	71	77	80	76	7.8	2.42
12	11.9	13.7	12.3	8.7	9.8	9.1	9.2	69	68	74	70	8.4	
13	12.8	13.6	12.3	9.4	9.4	9.0	9.3	71	63	70	68	8.6	
14	14.9	14.9	12.8	11.1	10.5	9.5	10.4	75	67	73	72	9.4	
15	12.6	12.9	10.6	9.0	8.7	8.3	8.7	67	60	75	67	8.2	0.71
16	11.4	13.1	10.8	8.3	8.8	8.4	8.5	67	58	74	66	6.4	
17	11.7	13.8	11.9	8.9	9.6	8.9	9.1	75	65	72	71	2.4	
18	14.6	14.0	13.9	11.2	9.9	10.8	10.6	80	67	82	76	0.4	
19	10.2	10.4	8.3	8.4	8.1	6.4	7.6	81	73	61	72	2.5	
20	9 9	10.7	8.2	7.1	6.9	6.5	6.8	60	50	64	58	10.2	
21	11 1	11.9	8.7	7.8	8.2	6.5	7.5	61	61	61	61	9.8	
22	10.0	12.5	10.7	7.9	8.6	8.3	8.3	74	63	74	70	9.8	
23	11.1	12.1	10.3	7.5	8.1	7.4	7.7	57	57	60	58	9.6	
24	12.3	13.2	11.1	8.7	8.4	8.4	8.5	64	52	71	62	11.2	
25	12.2	12.9	10.6	8.7	8.7	7.9	8.4	65	60	68	64	7.2	
26	11.6	12.7	12.3	8.0	8.7	9.1	8.6	61	61	72	65	8.4	
27	13.9	15.4	14.3	9.8	10.7	10.4	10.2	67	64	72	68	9.2	
28	13.6	14.7	14.7	8.7	9.2	11.2	9.7	52	51	80	61	10.4	
29	15.6	13.8	13.8	12.2	8.7	10.5	10.5	85	51	79	72	10.6	
30	13.8	15.1	12.8	9.9	10.4	9.4	9.9	69	64	72	68	10.6	0.51
31	13.7	14.7	12.1	9.8	9.8	9.1	9.6	70	60	72	67	9.8	
	12 24	13.15	11.54	8 93	9.23	8.82	8.99	67.9	64 6	71.8	68.1	6.49	0.96

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1ci	2str cu	0	1.0	0	1sw	1n	134.2	light	mist d. day
2	0	2ci cu	1cu	1.0	0	1sw	0	57.1	calm	tr.r.d.ni.
3	2cu	10ni	4ci cu	3.3	2sw	5w	6w	279.2	slight	
4	10ni	9ni	4ni cu	7.6	5s	4s	5s	494.7	rough	
5	8nicu	6str ni	1cu	5.0	1s	2sw	0	272.0	mod.	
6	10ni	8alt cu	8ni	8.7	0	1ne	0	171.1	calm	
7	8ci	10cicu	1cu	6.3	0	0	1ne	210.8	light	
8	6ci cu	10ni	10ni	8.7	3w	4sw	5w	420.5	rough	t.l.r.h,d.&ni.
9	8ni	10ni	6cu	8.0	4s	6s	7s	841.6	v.rough	gale
10	9cini	10ni	8ni	9.0	2se	2s	1s	635.8	rough	
11	2ci cu	8nicu	0	3.3	0	2s	0	452.4	mod.	
12	9ci	3ci cu	2ci cu	4.7	0	1nw	1n	153.7	light	
13	3ci	6cicu	2cu	3.7	0	2w	1n	111.0	,,	
14	6ci	1cu	0	2.3	1ne	2n	1nw	93.8	,,	
15	8ci cu	1cu	1str cu	3.3	1se	1nw	0	83.7	,,	
16	9ni	2cicu	8cini	6.3	0	2sw	1s	339.0	mod.	
17	10ni	6ci	10ni	8.7	0	1ne	5e	201.3	,,	
18	10ni	10ni	6str.cu	8.7	3ne	4ne	4e	272.6	slight	
19	8ni cu	9nicu	2cu	6.3	5w	4w	3n	196.3	,,	
20	3ci cu	2cicu	0	1.7	0	1w	0	226.5	light	
21	4str cu	1cu	0	1.7	0	2n	0	164.3	,,	
22	4ci cu	4ci	1cu	3.0	1s	1sw	1w	318.7	slight	tr.rain
23	1cu	1cicu	10ni	4.0	1ne	2ne	2ne	162.0	light	lunar halo
24	1ci cu	1cu	0	0.7	1nw	0	0	164.6	,,	
25	8ci cu	3cu	4str.cu	5.0	1sw	2sw	3sw	243.0	mod.	
26	0	10cini	8ni	6.0	0	3ne	3e	161.1	mod.	
27	6ci cu	6alt cu	1cu	4.3	1ne	1e	1n	91.4	light	
28	2ci	6ci	0	2.7	0	1w	0	149.8	calm	haze in a.m.
29	3ci str.	3str.cu	2str.cu	2.7	2w	3s	3s	604.2	slight	haze d. day
30	2str.cu	2str cu	2str.cu	2.0	3w	3w	1sw	587.1	,,	
31	3ci str.	3str cu	2str.cu	2.7	2w	3s	3s	601.2	,,	
				4.60				286.92		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	4	0	2	4	2	5	1	13
14:30	2	5	1	0	6	7	5	3	2
20.30	5	2	3	0	6	2	3	1	9
Totals	7	11	4	2	16	11	13	5	24

Number of days with rain 8, fog 0, thunderstorms 1, gales 1.
50-yr average number of days with rain during month 10.9